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(54) MOBILE PHONE WITH VIDEO FUNCTION AND AUTOMATIC ANSWERING MESSAGE FUNCTION

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a mobile phone with video function and automatic answering message function that provides no video phone function to itself so as to attain downsizing and weight reduction.

SOLUTION: A called party mobile phone 1 in this mobile phone system is provided with: a multimedia file storage memory 100 that stores voice data and image data designated in advance as a video attached automatic answering message in a multimedia file format capable of synchronously reproducing the data; an automatic answering mode start section 24 that activates the memory 100 to read the message in the case of automatic answering setting when a transmission section 20 of a caller side mobile phone 2 opens an audio channel 10 and making a call; and a transmission section 22 that receives the message and opens a data channel 11 for transmission, and the phone 2 is provided with a multimedia file analysis section 101 that analyzes contents of the received message, extracts and separates the image data and the voice data for synchronously reproducing a reply message.
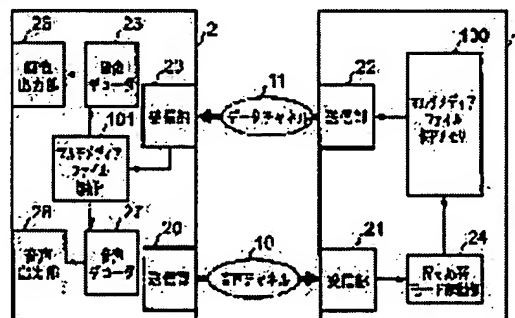
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CLAIMS

[Claim(s)]
[Claim 1] the voice data and the image data which are beforehand specified as an absence response message with video -- a synchronization -- with the multimedia file preservation memory which carried out storage maintenance in the multimedia file format so that it might be refreshable At the time of an absence response setup when the call in by the call origination from said call origination side occurs with a receiving means to receive the call origination from a call origination side, and said receiving means, as absence answer mode The absence answer mode starting section to which the data with which said multimedia file preservation memory is started, and said multimedia file corresponds are made to output, The data with which said multimedia file outputted from said multimedia file preservation memory corresponds are opened for a data channel. To this call origination side as an absence response message with video The portable telephone with an absence response message function with video characterized by having a transmitting means to transmit.
[Claim 2] It is the portable telephone with an absence response message function with video characterized by the ability to acquire by download the data of said multimedia file mind a network in a portable telephone with an absence response message function with video according to claim 1.
[Claim 3] It is the portable telephone with an absence response message function with video characterized by the ability to acquire the data of said multimedia file by the removable memory card between the bodies of telephone in a portable telephone with an absence response message function with video according to claim 1.
[Claim 4] In the portable telephone with an absence response message function with video of any of claims 1-3, or one publication It has the transmission protocol creation section which changes into a predetermined transmission protocol the data with which said multimedia file outputted from said multimedia file preservation memory corresponds. Said transmitting means is a portable telephone with an absence response message function with video characterized by transmitting what changed into said predetermined transmission protocol by said transmission protocol creation section of the data with which said multimedia file corresponds as an absence response message with video.
[Claim 5] The cellular-phone system with an absence response message function with video characterized by being constituted including the origination-side portable telephone which has the transmitting section which performs any of claims 1-4, or transmission for using [one] the portable telephone with an absence response message function with video of a publication as a destination-side portable telephone, opening a voice channel and carrying out call origination of said destination-side portable telephone further.
[Claim 6] In a cellular-phone system with an absence response message function with video according to claim 5 said origination-side portable telephone Said data channel is minded for said absence response message with video by the data with which said multimedia file outputted from said multimedia file preservation memory corresponds. [whether it has the multimedia file analysis section which carries out extraction separation of said voice data and said image data by analyzing the contents of this multimedia file included in this absence response message with video after receiving, and] To or

the thing changed into said predetermined transmission protocol by said transmission protocol creation section of the data with which said multimedia file corresponds By analyzing the contents of the transmission protocol contained in this absence response message with video after receiving said absence response message with video to depend through said data channel The cellular-phone system with an absence response message function with video characterized by having the transmission protocol analysis section which carries out extraction separation of said voice data and said image data. [Claim 7] The cellular-phone system with an absence response message function with video characterized by applying the multi-call function of the transmission format which can perform to coincidence the call origination which opens said voice channel from said origination-side portable telephone to said destination-side portable telephone, and the response which opens the data channel from said destination-side portable telephone to said origination-side portable telephone in a cellular-phone system with an absence response message function with video according to claim 6.

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DETAILED DESCRIPTION

[Detailed Description of the Invention]
[0001]
[Field of the Invention] This invention relates to the portable telephone with an absence response message function with video which gave the absence response message function with video, without mainly giving a TV phone function to the telephone itself, and the cellular-phone system with an absence response message function with video containing it.
[0002]
[Description of the Prior Art] Although it is expected that the expectation for multimedia-izing is growing also in the field of a cellular phone, and **** of a multimedia application function progresses from now on in recent years with the spread of high-speed-data transmissions in the wireless network field, installation of the TV phone function which can transmit and receive voice data and image data is also the example on real time. The technique which uses this TV phone function and makes before [it] the absence response message which was only voice an absence response message with video For example, it is proposed with "the TV phone equipment which has an automatic-answering function" indicated by JP,2000-13529,A. Furthermore, it is proposed at the "mobile videophone terminal" etc. indicated by JP,2000-332916,A, for example also about the terminal which enabled the check of a partner visually mutually by performing a response and timed recording from a communications partner of such an answering machine with voice and an image.
[0003] The following is explained with reference to the block diagram having shown the basic configuration of the responder TV phone machine 5 of drawing 3 to which basic actuation of the conventional cellular-phone system with an absence response message function with video is applied by the important section configuration, and the block diagram having shown the basic configuration of the call origination side TV phone machine 6 of drawing 4 .
[0004] In this telephone system, the responder TV phone machine 5 shown in drawing 3 has a fundamental TV phone function including an absence response message function with video. If voice data was specifically inputted through the voice input sections 306, such as a microphone, after being compressed with the voice encoder 305, it is saved in the voice memory 302 in the absence response section 300. If image data was inputted through the image input sections 308, such as a camera, after being compressed with the image encoder 307, it is saved in the image memory 303 in the absence response section 300. The absence response message with video consists of these voice data and image data.
[0005] So, in the responder TV phone machine 5, when the call in by call origination occurs from the call origination side TV phone machine 6 shown in drawing 4 and the absence response is set up, after predetermined time amount passes, the absence response message with video created beforehand is automatically turned to the call origination side TV phone machine 6, and it transmits.
[0006] In the actuation at the time of an absence response, when recognized as it being identified whether the call origination side TV phone machine 6 has a TV phone function with the TV phone discernment means 309 based on the call-in information from the call origination side TV phone

machine 6 received through the line network 13 and the receive section 21, and having a TV phone function, the absence response section 300 is started by the absence answer mode starting section 24.
[0007] In the absence response section 300, the voice data saved in the voice memory 302 and an image memory 303 and image data are read, and it transmits to the transmitting section 22 as a response message with video by multiplexing in the data multiplexing section 301 together with the control data generated by the control signal generating section 304. In the transmitting section 22, the transmitted response message with video is again transmitted to the call origination side TV phone machine 6 through a line network 13. The case where consider as H.245 protocol, concerning the specification of control data, and it incidentally considers as H.223 protocol etc. about the specification of multiplexing of each data can be illustrated.
[0008] With the call origination side TV phone machine 6, when a receive section 23 receives the absence response message with video from the responder TV phone machine 5, the data decomposition section 400 lengthens and ****, in the data decomposition section 400, extraction separation of the absence response message with video by multiplexing data is carried out to each data of image data, voice data, and control data, and each data by which extraction separation was carried out is inputted into the image decoder 25, the voice decoder 27, and the control data analysis section 401 in order, respectively. After decoding image data in the image decoder 25 (decryption), it transmits to the image output sections 26, such as LCD, and in the image output section 26, similarly, after decoding voice data, it transmits to the voice output sections 28, such as a loudspeaker, and the display output of the decoded image data is carried out, and the utterance output of the decoded voice data is carried out by the voice output section 28 at the voice decoder 27.
[0009]
[Problem(s) to be Solved by the Invention] In the case of the cellular-phone system with an absence response message function with video mentioned above It is necessary to give a TV phone function to a call origination side and any telephone of a responder on a basic configuration. (That is, it is necessary to have a coding means against the input means, the image data inputted by that cause, and voice data of an image or voice with one to the telephone itself and also, and) Since there is the need of performing a line connection using a communications protocol peculiar to a TV phone, If it becomes complicated a call origination side and on a design of any telephone of a responder, and large-scale-ization is not avoided but especially the applicability as a cellular phone is taken into consideration, there is a problem of being hard to embody the configuration as which the miniaturization to the telephone itself [latest] and lightweight-ization are requested.
[0010] It was not made that this invention should solve such a trouble, and the technical technical problem is in offering the portable telephone with an absence response message function with video of a simple configuration of that miniaturization and lightweight-ization can be attained without giving a TV phone function to the telephone itself.
[0011]
[Means for Solving the Problem] the voice data and the image data which are beforehand specified as an absence response message with video according to this invention -- a synchronization -- with the multimedia file preservation memory which carried out storage maintenance in the multimedia file format so that it might be refreshable At the time of an absence response setup when the call in by the call origination from a call origination side occurs with a receiving means to receive the call origination from a call origination side, and a receiving means, as absence answer mode The absence answer mode starting section to which the data with which multimedia file preservation memory is started and a multimedia file corresponds are made to output, The portable telephone with an absence response message function with video which has a transmitting means to open a data channel and to transmit the data with which the multimedia file outputted from multimedia file preservation memory corresponds as an absence response message with video to this call origination side is obtained.
[0012] Moreover, according to this invention, in the above-mentioned portable telephone with an absence response message function with video, the portable telephone with an absence response message function with video which can acquire the data of a multimedia file by download through a

network, or a portable telephone with an absence response message function with video acquirable [with a removable memory card] between the bodies of telephone is obtained.

[0013] furthermore -- according to this invention -- the above -- it has the transmission protocol creation section which changes into a predetermined transmission protocol the data with which the multimedia file outputted from multimedia file preservation memory corresponds, and the portable telephone with an absence response message function with video which transmits that from which a transmitting means was changed into a predetermined transmission protocol by the transmission protocol creation section of the data with which a multimedia file corresponds as an absence response message with video is obtained in any or one portable telephone with an absence response message function with video.

[0014] in addition -- according to this invention -- the above -- the cellular-phone system with an absence response message function with video constituted including the origination-side portable telephone which has the transmitting section which performs transmission for using any or one portable telephone with an absence response message function with video as a destination-side portable telephone, opening a voice channel and carrying out call origination of the destination-side portable telephone further is obtained.

[0015] On the other hand, according to this invention, it sets to the above-mentioned cellular-phone system with an absence response message function with video. An origination-side portable telephone A data channel is minded for the absence response message with video by the data with which the multimedia file outputted from multimedia file preservation memory corresponds. [whether it has the multimedia file analysis section which carries out extraction separation of voice data and the image data by analyzing the contents of this multimedia file included in this absence response message with video after receiving, and] To or the thing changed into the predetermined transmission protocol by the transmission protocol creation section of the data with which a multimedia file corresponds By analyzing the contents of the transmission protocol contained in this absence response message with video after receiving the absence response message with video to depend through a data channel The cellular-phone system with an absence response message function with video which has the transmission protocol analysis section which carries out extraction separation of voice data and the image data is obtained.

[0016] On the other hand, according to this invention, in the above-mentioned cellular-phone system with an absence response message function with video, the cellular-phone system with an absence response message function with video which applied the multi-call function of the transmission format which can perform to coincidence the call origination which opens the voice channel from an origination-side portable telephone to a destination-side portable telephone, and the response which opens the data channel from a destination-side portable telephone to an origination-side portable telephone is obtained.

[0017]

[Embodiment of the Invention] The gestalt of the operation of this invention to the following is explained to a detail with reference to a drawing.

[0018] Drawing 1 is the block diagram having shown the basic configuration of the cellular-phone system with an absence response message function with video concerning the gestalt of one operation of this invention. The destination-side portable telephone 1 which gave the absence response message function with video in the case of this cellular-phone system, without having a TV phone function, The origination-side portable telephone 2 with which the absence response message with video from this destination-side portable telephone 1 is transmitted is included. Furthermore, the call origination which opens the voice channel 10 from the origination-side portable telephone 2 to the destination-side portable telephone 1 with the application of a multi-call function, It is constituted as a transmission format which can perform to coincidence the response which opens the data channel 11 from the destination-side portable telephone 1 to the origination-side portable telephone 2.

[0019] among these, the voice data and the image data as which the destination-side portable telephone 1 is beforehand specified as an absence response message with video -- a synchronization -- with the multimedia file preservation memory 100 which carried out storage maintenance in the multimedia file

format so that it might be refreshable With the receive section 21 as a receiving means which receives the call origination from a call origination side (origination-side portable telephone 2) At the time of an absence response setup when the call in by the call origination from a call origination side occurs in a receive section 21, as absence answer mode The absence answer mode starting section 24 to which the data with which the multimedia file preservation memory 100 is started, and a multimedia file corresponds are made to output, It has the transmitting section 22 as a transmitting means which opens a data channel 11 and carries out response transmission of the data with which the multimedia file outputted from the multimedia file preservation memory 100 corresponds as an absence response message with video to a call origination side, and is constituted.

[0020] That is, although the transmitting section 22 and the receive section 21 which are the communication facility section have the same composition if compared with the responder TV phone machine 5 which showed the destination-side portable telephone 1 here to conventional drawing 3 , other configurations serve as a difference part for giving an absence response message function with video, without giving a TV phone function.

[0021] Moreover, it may carry out to the configuration which the data of the multimedia file by which storage maintenance is carried out at the multimedia file preservation memory 100 acquire from a memory card what was created beforehand using the memory card which carried out storage maintenance with an external instrument while they are removable between the bodies of telephone although they are made into a thing acquirable [with download through the network which is not illustrated here] in addition, or gives a creation means to destination-side portable telephone 1 the very thing, and creates. However, when giving a creation means to the telephone itself, it is desirable to constitute in the range in which the miniaturization and lightweight-izing which are the advantage of a pocket mold are not spoiled. anyway, a format of a multimedia file -- image data and voice data -- a synchronization -- even if it considers as a format including refreshable information and does not read to the last of a file, it is desirable that it is the format that the interleave of voice data and the image data is carried out to time series so that synchronous playback can be carried out. For example, ISO/IEC The case where MP4 file format specified to 14496-1 is applied is mentioned. incidentally -- image data here and voice data -- a synchronization, for example, the technique relevant to it is indicated by the multimedia communication equipment of JP,7-203072,A or JP,7-203072,A. [the technique made into a format including refreshable information]

[0022] On the other hand, the transmitting section 20 which performs transmission for the origination-side portable telephone 2 opening a voice channel 10, and carrying out call origination of the destination-side portable telephone 1, With the receive section 23 which receives the absence response message with video (data with which a multimedia file corresponds) outputted from the multimedia file preservation memory 100 in the destination-side portable telephone 1 through a data channel 11 The multimedia file analysis section 101 which carries out extraction separation of voice data and the image data by analyzing the data with which the multimedia file received in this receive section 23 corresponds, The image decoder 25 which extraction separation of while was carried out and decodes image data in this multimedia file analysis section 101, The image output section 26 which carries out the display output of the image data decoded by this image decoder 25, It consists of a voice decoder 27 which decodes the voice data of another side by which extraction separation was carried out in the multimedia file analysis section 101, and the voice output section 28 which carries out the utterance output of the voice data decoded by this voice decoder 27.

[0023] Namely, if compared with the call origination side TV phone machine 6 which showed the origination-side portable telephone 2 here to conventional drawing 4 As opposed to being a thing equipped with the data decomposition section 400 for disassembling the data multiplexed in the call origination side TV phone machine 6 The point equipped with the multimedia file analysis section 101 for replacing with this in the origination-side portable telephone 2, and analyzing the data of a multimedia file serves as a difference part. It has the composition with the transmitting section 20 and the receive section 23 which are the communication facility section applicable to the other component, the image decoder 25 and the image output section 26, and same voice decoder 27 and voice output

section 28.

[0024] The following explains order for the actuation at the time of an absence response setup in this cellular-phone system later on. However, it shall be here at the beginning-of-using time, and storage maintenance of the absence response message with video shall be beforehand carried out in the multimedia file format at the multimedia file preservation memory 100 of the destination-side portable telephone 1.

[0025] In this cellular-phone system, on operations sequence, the procedure of a voice telephone (message) opens the destination-side portable telephone 1 to the beginning, and call origination of the voice channel 10 is carried out to it from the origination-side portable telephone 2 by the normal state. If a user does not answer between predetermined time from arrival of the mail, the absence answer mode starting section 24 operates, it becomes absence answer mode, and the multimedia file preservation memory 100 is started, it reads and the data with which the multimedia file specified for the origination-side portable telephones 2 as an absence response message with video corresponds are made to output from the multimedia file preservation memory 100 after the predetermined time progress, although call origination receives a message in the destination-side portable telephone 1 by this. So, in the transmitting section 22 to which the data with which a multimedia file corresponds were transmitted, a data channel 11 is opened and it transmits towards the origination-side portable telephone 2 by making the data into an absence response message with video.

[0026] With the origination-side portable telephone 2, an absence response message with video (data with which a multimedia file corresponds) is received in a receive section 23, and it hands over in the multimedia file analysis section 101, and in the multimedia file analysis section 101, the contents of the absence response message with video (data with which a multimedia file corresponds) are analyzed, and extraction separation of the voice data and the image data based on a compressed data format is carried out. Image data is transmitted to the image output section 26, after being decoded by the image decoder 25, while was separated, it carries out the display output of the image data in the image output section 26, and although the voice data of separated another side is transmitted to the voice output section 28 after being decoded by the voice decoder 27, and the utterance output of the voice data is carried out in the voice output section 28, the display output of the image data at this time and the utterance output of voice data will synchronize, and will be reproduced. Then, after he checks the contents of the absence response message with video with the display output and utterance output by which synchronous playback was carried out, if the user of the origination-side portable telephone 2 has the need according to the contents, he will transmit a message message for the destination-side portable telephones 1 again by the transmitting section 20 using a voice channel 10.

[0027] In the case of such a cellular-phone system with an absence response message function with video of a configuration, it sets to the destination-side portable telephone 1. Beforehand as an absence response message with video The voice data and the image data to be used a synchronization, in order to carry out storage maintenance and to prepare the multimedia file preservation memory 100, after acquiring through a network or memory what added the information made refreshable and the information to which others relate in the general-purpose multimedia file format which can be diverted simply Even if it does not have a coding means against the image data or voice data which are inputted into the telephone itself by that cause like before at the input means of an image or voice, and a list, can be managed, and also The absence answer mode starting section 24 at the time of an absence response setup when the multi-call function in which a voice channel and a data channel can be opened to coincidence is applied and the call in by the call origination from the origination-side portable telephone 2 occurs as absence answer mode The data with which the multimedia file preservation memory 100 is started, and a multimedia file corresponds are made to output. By considering the data with which the multimedia file to which the transmitting section 22 which received this was outputted from the multimedia file preservation memory 100 corresponds as the configuration which opens a data channel 11 and is transmitted as an absence response message with video Since the function which carries out response transmission of the absence response message with video automatically to the origination-side portable telephone 2 according to the call origination from the origination-side portable telephone 2 at

the time of an absence response setup of the destination-side portable telephone 1 is built, It becomes unnecessary to carry out a line connection using the protocol only for TV phones from the origination-side portable telephone 2 like before. After giving an absence response message function with video, without giving a TV phone function as a result to destination-side portable telephone 1 the very thing, After attaining miniaturization of each telephone, and lightweight-ization (especially remarkable in the destination-side portable telephone 1) in small-scale-izing of the whole cellular-phone system containing the origination-side portable telephone 2, and a list, the whole system can be considered as a simple configuration.

[0028] Drawing 2 is the block diagram having shown the basic configuration of the cellular-phone system with an absence response message function with video concerning the gestalt of other operations of this invention. The destination-side portable telephone 3 which gave the absence response message function with video similarly [in this cellular-phone system / of the gestalt of previous operation], without having a TV phone function, The origination-side portable telephone 4 with which the absence response message with video from this destination-side portable telephone 3 is transmitted is included. Furthermore, the call origination which opens the voice channel 10 from the origination-side portable telephone 4 to the destination-side portable telephone 3 with the application of a multi-call function, It is constituted as a transmission format which can perform to coincidence the response which opens the data channel 12 from the destination-side portable telephone 3 to the origination-side portable telephone 4.

[0029] However, the destination-side portable telephone 3 here is compared with the case of the previous destination-side portable telephone 1. It outputs to the transmission protocol creation section 201 newly arranged, without outputting the data with which the multimedia file preservation memory 200 is started by the absence answer mode starting section 24, and a multimedia file corresponds directly to the transmitting section 22. The data with which the multimedia file outputted from the multimedia file preservation memory 200 in the transmission protocol creation section 201 corresponds are changed into a predetermined transmission protocol. The point which has the composition that the transmitting section 22 opens the data channels 12, such as a packet network, and transmits what was changed into the predetermined transmission protocol by the transmission protocol creation section 201 of the data with which a multimedia file corresponds as an absence response message with video is different. In addition, as for the multimedia file format in this multimedia file preservation memory 200, it is desirable to make voice data and image data into a non interleave format so that it may not be dependent on a specific transmission protocol.

[0030] On the other hand, the origination-side portable telephone 4 is compared with the case of the previous origination-side portable telephone 2. It replaces with the multimedia file analysis section 101. To what was changed into the predetermined transmission protocol by the transmission protocol creation section 201 of the data with which a multimedia file corresponds By analyzing the contents of the transmission protocol contained in an absence response message with video after receiving the absence response message with video to depend through a data channel 12 The point which has arranged the transmission protocol analysis section 202 which carries out extraction separation of voice data and the image data is different.

[0031] The following explains order for the actuation at the time of an absence response setup in this cellular-phone system later on. However, in the destination-side portable telephone 3 here, since the procedure until the data with which the multimedia file specified as an absence response message corresponds are read from the multimedia file preservation memory 200 and are outputted is the same as that of the case where the gestalt of previous operation explains, the explanation is omitted.

[0032] Next, the data with which the read multimedia file corresponds in the destination-side portable telephone 3 are changed for example, into a RTP/UDP/IP format etc. in the transmission protocol creation section 201, are handed over by the transmitting section 22, in the transmitting section 22, by making into an absence response message with video what was changed into the transmission protocol of the data with which a multimedia file corresponds, open a data channel 12 and are transmitted.

[0033] With the origination-side portable telephone 4, if an absence response message with video (what

was changed into the transmission protocol of the data with which a multimedia file corresponds) is received in a receive section 23, it will hand over in the transmission protocol analysis section 202, and in the transmission protocol analysis section 202, the contents of the multimedia file included in the absence response message with video are analyzed, and extraction separation of the voice data and the image data based on a format of compressed data is carried out. The actuation after this is the same as that of the case where the origination-side portable telephone 2 explains, and after the user of the origination-side portable telephone 4 checks the contents of the absence response message with video by the display output of image data and the utterance output of voice data synchronizing, and reproducing them, if there is need according to the contents, a message message will be again transmitted for the destination-side portable telephones 3 by the transmitting section 20 using a voice channel 10.

[0034] Also in such a cellular-phone system with an absence response message function with video of a configuration, while the transmission protocol creation section 201 is added to the destination-side portable telephone 3 compared with the case of the gestalt of previous operation Since an almost equivalent function is obtained except the transmission protocol analysis section 202 having substituted and having been prepared in the origination-side portable telephone 4 when constituted almost similarly, After attaining miniaturization of each telephone, and lightweight-ization in small-scale-izing of the whole cellular-phone system, and a list as same effectiveness, the whole system can be considered as a simple configuration.

[0035]

[Effect of the Invention] According to the portable telephone with an absence response message function with video of this invention, as stated above As a configuration for giving an absence response message function with video, without improving the destination-side portable telephone with which the usual telephone call origination receives a message, and having a TV phone function A network is easily minded in the general-purpose multimedia file format which can be diverted. the voice data and the image data which are beforehand used as an absence response message with video -- a synchronization -- suppose that it is refreshable -- After acquiring through removable memory to ** download or the body of telephone, storage maintenance is carried out at multimedia file preservation memory. The absence answer mode starting section at the time of an absence response setup when the call in by the call origination from an origination-side portable telephone occurs with the application of a multi-call function furthermore, as absence answer mode Since it is considering as the configuration which is made to output the data with which multimedia file preservation memory is started and a multimedia file corresponds, and answers an absence response message with video automatically through the transmitting section (transmission) It becomes unnecessary to carry out a line connection using the protocol only for TV phones from an origination-side portable telephone like before. After attaining miniaturization of each telephone, and lightweight-ization (especially remarkable in a destination-side portable telephone) as a result in small-scale-izing of the whole cellular-phone system with an absence response message function with video, and a list, the whole system can be considered now as a simple configuration.

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DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]
[Drawing 1] It is the block diagram having shown the basic configuration of the cellular-phone system with an absence response message function with video concerning the gestalt of one operation of this invention.
[Drawing 2] It is the block diagram having shown the basic configuration of the cellular-phone system with an absence response message function with video concerning the gestalt of other operations of this invention.
[Drawing 3] It is the block diagram having shown the basic configuration of the responder TV phone machine applied to the conventional cellular-phone system with an absence response message function with video.
[Drawing 4] It is the block diagram having shown the basic configuration of the call origination side TV phone machine with which the absence response message with video from the responder telephone shown in drawing 3 is transmitted.
[Description of Notations]
1 Three Destination-side portable telephone
2 Four Origination-side portable telephone
5 Responder TV Phone Machine
6 Call Origination Side TV Phone Machine
10 Voice Channel
11 12 Data channel
13 Line Network
20 22 Transmitting section
21 23 Receive section
24 Absence Answer Mode Starting Section
25 Image Decoder
26 Image Output Section
27 Voice Decoder
28 Voice Output Section
100,200 Multimedia file preservation memory
101 Multimedia File Analysis Section
201 Transmission Protocol Creation Section
202 Transmission Protocol Analysis Section
300 Absence Response Section with Video
301 Data Multiplexing Section
302 Voice Memory
303 Image Memory
304 Control Signal Generating Section
305 Voice Encoder

306 Voice Input Section
307 Image Encoder
308 Image Input Section
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400 Data Decomposition Section
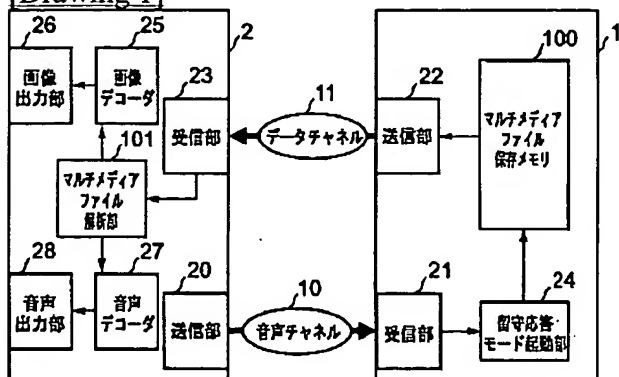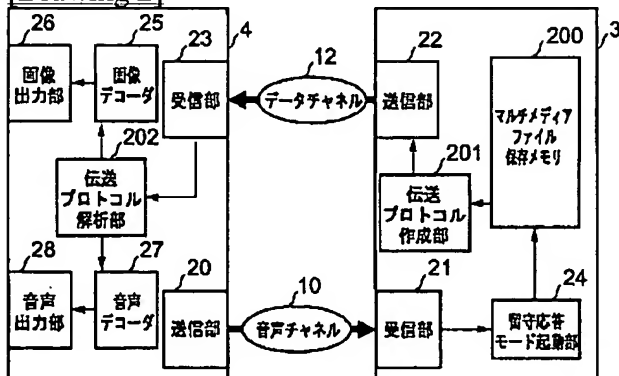401 Control Data Analysis Section
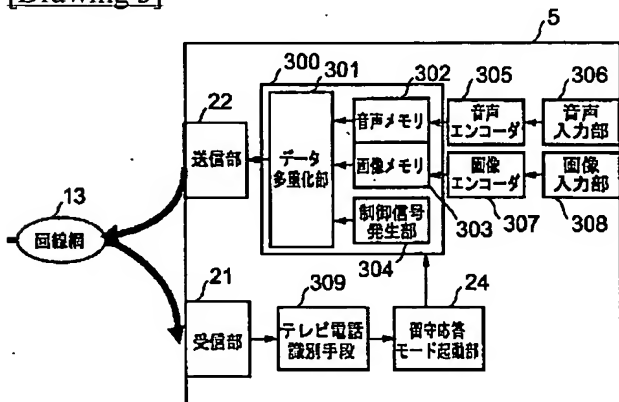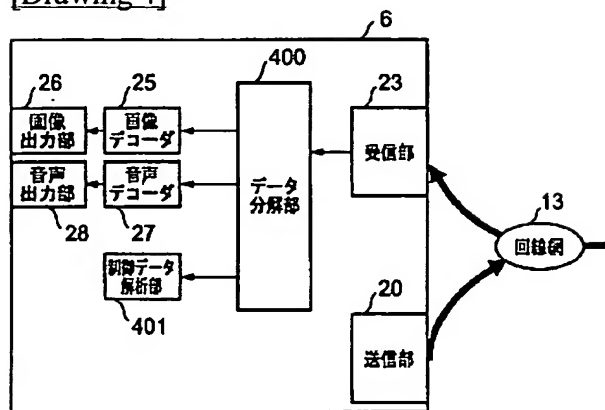
[Translation done.]

DRAWINGS

[Drawing 1]

[Drawing 2]

[Drawing 3]

[Drawing 4]

[Translation done.]